

AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

ICS Triplex T8230

Trusted rack power shelf

FORMAT	PACK POSITIONS	TOTAL CAPACITY	N+1 CAPACITY
19-inch / 1U	Up to three	Up to 2250 W	Up to 1500 W

ICS Triplex T8230 is the power shelf in the Trusted distributed power range. Its nineteen-inch, one-unit chassis accommodates up to three power packs and provides their mains connections, DC output terminals and the physical arrangement for power monitoring and control.

01

PRODUCT IDENTITY AND SPECIFICATIONS

Product model	T8230
Rack format	19-inch frame, 1U shelf
Power-pack positions	Up to three
Documented power packs	T8231 24 Vdc / T8232 28 Vdc; select the approved output configuration
Configured shelf capacity	Up to 2250 W total or 1500 W with N+1 redundancy
Mains inlets	3 x clip-retained IEC 60320 connectors
DC output terminals	2 terminal blocks, each with three M4 screw connections
DC output reference	V+ and V- float relative to frame ground; grounding follows the approved design

02 TECHNICAL DATA

Optional control interface	Rear 25-pin female DSB interface
Power Port	T8233 diagnostic interface; requires 24 V supply
Current-sharing interconnect	TC-323; only within the documented common-busbar arrangement
Support brackets	4U bracket set supports up to four shelves; rear support required
Operating temperature	0 to +60 degrees C; installed power-pack derating applies
Relative humidity	10-95%, noncondensing

03 APPLICATION AND CONFIGURATION

- T8230 accommodates the documented power packs and provides their connection and distribution arrangement. It is not a stand-alone AC-to-DC converter; capacity and redundancy depend on the fitted packs.
- Match the complete shelf, support brackets, power-pack output selection, Power Port and approved busbar arrangement. A similar rack dimension is not proof of an interchangeable power assembly. Check PSA 2014-08-003 and the shelf date code before release.
- Ratings describe the documented equipment, not packed dimensions, shipping weight or a certified supplied-unit origin.

04 OFFICIAL DOCUMENTATION

PD-T823X Issue 11 | Trusted Power System

PDF p. 11: T8230 identity; pp. 13-19: mounting and connections; p. 37: blanking cover; p. 39: interconnect; p. 41: system specifications.

Product Safety Advisory 2014-08-003 | Check shelf date code

Independent Amikon reference, not an OEM manual. Use the complete manufacturer instructions matching the actual hardware and firmware. No manufacturer pages are reproduced.

AMIKON PRODUCT SUPPORT

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